

specimens are mottled all over with pale red and lilac, others are similarly marked, but the markings are mostly confined to the larger end. The markings vary considerably in different specimens: in some they are larger and more distinct, in others they are finer and more clouded.—O.-G.]

EXPLANATION OF THE PLATES.

PLATE I.

*Caprimulgus batesi*, p. 25. From the type.

PLATE II.

*Parmoptila woodhousii*, p. 67. Adult (below) and young, shewing the white markings on the bill (above).

II.—*Contributions to the Ornithology of the Sudan.*—  
No. III.\* *On Birds collected by Captain E. P. Blencowe in the Bahr-el-Ghazal Province.* By A. L. BUTLER, F.Z.S., M.B.O.U., Superintendent of Game Preservation, Sudan Government.

IN December 1907, Captain E. P. Blencowe, of the Army Service Corps, who was proceeding to the Bahr-el-Ghazal Province in connexion with the transport arrangements for supplying the various military posts, kindly agreed to take with him a native boy whom I had trained to skin birds, and to collect for me such specimens as he had time to shoot along his line of march.

The following paper contains a list of birds which he obtained, with the localities and dates added and a few remarks.

Captain Blencowe left the Nile at Shambe, and travelled first to Rumbek (distance about 90 miles), crossing the Lau and Naam Rivers; then he marched to the Tonj River, crossing the Gell River on the way (distance about 75 miles over flat forest-country with black cotton soil); thence to Wau (about 70 miles—undulating, forest-covered, ironstone country); from Wau to Ukanda (45 miles—country flat, all forest);

\* See 'The Ibis,' 1905, p. 301, and 1908, p. 205.

from Ukanda along the Sueh River to Raffile (30 miles—ironstone forest-country); south along the Sueh River to Kojali (63 miles—forest-country, black cotton soil, many “khors” with high grass); from Kojali to Tembura (55 miles—country hilly, forest-trees smaller, many large granite rocks): from Tembura he returned by the same route to Wau; travelled from Wau to Meshra-el-Rek (114 miles, over the route along which I collected in 1907); and journeyed from Meshra to Khartoum by steamer.

The birds were thus almost all obtained between 7° and 8° N. lat. and 27° and 31° E. long. Many of them are not mentioned in my two previous papers on the birds of the Sudan (‘Ibis,’ 1905, p. 301, and 1908, p. 205).

I am indebted to Messrs. E. Hartert, Oscar Neumann, and Ogilvie-Grant for much kind assistance in identifying the skins. To Captain Blencowe my best thanks are due for his trouble in forming for me so representative a collection of the birds met with on his journey.

*NECTARINIA PULCHELLA* (Linn.).

- ♂. Raffile, 18. 2. 08.
- ♂. Wau, 31. 3. 08.
- ♂. Wau, 24. 4. 08.
- ♂. Raffile, 14. 2. 08.

*CINNYRIS CUPREUS* (Shaw).

- ♂. Kojali, 22. 2. 08.

*CHALCOMITRA ACIK* (Antin.).

- ♂. Kojali, 20. 2. 08.
- ♂. „ 20. 2. 08.
- ♂. „ 20. 2. 08.
- ♂. Wau, 31. 3. 08.

*ANTHOTHREPTES LONGUEMARI* (Less.).

- ♂. Kojali, 29. 2. 08.
- ♂. „ 28. 2. 08.
- ♀. Wau, 31. 3. 08.
- ♀. Kojali, 28. 2. 08.

## ZOSTEROPS SENEGALENSIS Bp.

♂. Moyen, 4. 5. 08.

♀. „ 4. 5. 08.

## PARUS LEUCOMELAS Rüpp.

♂. Raffile, 13. 2. 08.

♀. „ 14. 2. 08.

♀. „ 8. 2. 08.

## MOTACILLA VIDUA Sundev.

♂. Raffile, 12. 2. 08.

♂. „ 14. 2. 08.

## ANTHUS GOULDI Fraser.

♂. Kojali, 26. 2. 08.

## ANTHUS TRIVIALIS Linn.

♂. Raffile, 12. 2. 08.

♂. Kojali, 20. 3. 08.

## MACRONYX CROCEUS (Vieill.).

♂. Meshra-el-Rek, 12. 5. 08.

♀. „ 12. 5. 08.

Topotypes of Heuglin's *Macronyx striolatus*. The wing of the ♂ measures 104 mm., and that of the ♀ 100 mm.

## MIRAFRA ERYTHROPYGIA (Strickl.).

♀. Wau, 22. 4. 08.

## HELIOCORYS MODESTA Heugl.

♂ juv. West of Tonj, 16. 1. 08.

♂. West of Tonj, 16. 1. 08.

♀. Wau, 1. 4. 08.

## PYRRHULAUDA LEUCOTIS (Stanley).

♀. Wau, 3. 4. 08.

♂ juv. Wau, 26. 3. 08.

## EMBERIZA AFFINIS Würt.

♀. Raffile, 11. 2. 08.

♀. „ 14. 2. 08.

♂. „ 11. 2. 08.

*PETRONIA DENTATA* (Sundev.).

♂. Raffile, 12. 2. 08.

♂. Wau, 1. 4. 08.

♀. „, 31. 3. 08.

♀. Raffile, 6. 2. 08.

♀. „, 14. 2. 08.

*PASSER DIFFUSUS* (Smith).

♂. Wau, 30. 3. 08.

♀. „ „

♂. „ „

♂. „ „

♀. „ „

♂. Near Wau, 18. 1. 08.

*PASSER EMINI* (Hartl.).

♂. Meshra-el-Rek, 10. 5. 08.

*SERINUS ICTERUS* (Bonn. et Vieill.).

♂. Dug-Dug, 5. 5. 08.

*HYPOCHERA ULTRAMARINA* (Gm.).

♀. Wau, 1. 4. 08.

♀. „, 1. 4. 08.

♂. Tawela, 18. 12. 07.

*COLIOPASSER MACRURUS* (Gm.).

♂. Raffile, 8. 2. 08.

♂. Kojali, 24. 2. 08.

♀. Raffile, 14. 2. 08.

♀. Kojali, 14. 3. 08.

♀. Raffile, 14. 2. 08.

♀. Kojali, 14. 3. 08.

*UROBRACHYA PHENICEA* (Heugl.).

♂. Meshra, 10. 5. 08.

♂. „, 10. 5. 08.

*PYROMELANA FRANCISCANA* (Isert).

♀. Wau, 30. 3. 08.

♂. „, 30. 3. 08.

♀. „, 31. 3. 08.

♀. „, 1. 4. 08.

## SPERMESTES CUCULLATUS Swains.

♂. Tembura, 5. 3. 08.

♂. „ „

## ESTRILDA CINEREA Swains.

♀. Wau, 3. 4. 08.

♀. Moyen, 4. 5. 08.

♀. Wau, 30. 3. 08.

## ESTRILDA PHÆNICOTIS Swains.

♂. Kojali, 13. 3. 08.

♂. Wau, 25. 4. 08.

♂. „ 3. 4. 08.

♂. „ „

## LAGONOSTICTA BRUNNEICEPS Sharpe.

♀. Wau, 24. 4. 08.

## PYTELIA CITERIOR Strickl.

♂. Wau, 3. 4. 08.

♀. „ 24. 4. 08.

## PYTELIA SOUDANENSIS (Sharpe).

♂. Shambe, 3. 1. 08.

## PLOCEIPASSER SUPERCILIOSUS (Rüpp.).

♂. Raffile, 6. 2. 08.

♂. Wau, 1. 4. 08.

## ANAPLECTES MELANOTIS (Lafr.).

♂. Raffile, 9. 2. 08.

## HYPHANTURGUS OCULARIUS (Smith).

♂. Tembura, 5. 3. 08.

This bird belongs to the subspecies *Ploceus ocularius crocatus* of Reichenow (Vög. Afr. iii. p. 46).

Male in full plumage.

## SITAGRA LUTEOLA (Licht.).

♂. Wau, 22. 4. 08.

In nearly full breeding-plumage.

## HYPHANTORNIS HEUGLINI (Reichenb.).

♂. Kojali, 22. 2. 08.

In full breeding-plumage.

HYPHANTORNIS TENIOPTERUS (Reichenb.).

♂. Kojali, 20. 2. 08.

Out of plumage.

HYPHANTORNIS ABYSSINICUS (Gm.).

♂. Kojali, 29. 2. 08.

In non-breeding plumage.

ORIOLOUS AURATUS Vieill.

♂. Raffile, 4. 2. 08.

♂. " " "

♂. " " 6. 2. 08.

♂. Kojali, 1. 3. 08.

PHOLIDAUGES LEUCOGASTER (Gm.).

Nine adult males, two immature males, and two females.

Wau, between 30. 3. 08 and 25. 4. 08.

In 1907, when I was collecting in the same locality, I did not see a single specimen of this lovely Starling.

LAMPROTORNIS CAUDATUS (P. L. S. Müll.).

♀. Kojali, 22. 4. 08.

LAMPROTORNIS PORPHYROPTERUS Rüpp.

♂. Tawela (on the Nile), 18. 12. 07.

LAMPROTORNIS ÆNEOCEPHALUS Heugl. ?

♀. Raffile, 2. 2. 08.

LAMPROCOLIUS CHALYBÆUS (Ehr.). = *L. chalybæus* (Nordm.)

♂. Tembura, 5. 3. 08.

♂. " " 6. 3. 08.

♂. Wau, 24. 5. 08.

♀. " " 30. 3. 08.

♀. Tembura, 5. 3. 08.

♀. Tawela, 8. 12. 07. = This one is Chalybæus.

*correction p. 406*  
*L. chalybæus*

CORVUS SCAPULATUS Daud.

♀. Wau, 2. 4. 08.

CRYPTORHINA AFRA (Linn.).

♂. Wau, 30. 3. 08.

♂. Doleiba, 5. 5. 08.

*DICRURUS AFER* (Licht.).

♀. Tembura, 4. 3. 08.

♂. W. of Tonj River, 15. 1. 08.

*PRIONOPS POLIOCEPHALUS* (Stanl.).

♀. W. of Rumbek, 10. 1. 08.

*CAMPOPHAGA PHENICEA* (Lath.).

♂. Wau, 24. 4. 08.

♂. " "

*GRAUCALUS PECTORALIS* Jard. & Selby.

♂. Raffile, 8. 2. 08.

♀. Wau, 22. 4. 08.

*CORVINELLA CORVINA* (Shaw).

♀. Wau, 30. 3. 08.

♂. " "

♂. Ukanda, 28. 1. 08.

*FISCUS EXCUBITORIUS* (Des Murs).

♂. Atwot, 7. 1. 08.

♂. E. of Rumbek, 8. 1. 08.

♀. Doleiba, 5. 5. 08.

♂. " "

♂. " "

*LANIUS PARADOXUS* Brehm.

♂. Raffile, 6. 2. 08.

♀. " "

♀. " 14. 2. 08.

♂ juv. " 16. 2. 08.

*LANIUS NUBICUS* Licht.

♂. Hillet Abbas (White Nile), 20. 12. 07.

♀. S. of. Renk (White Nile), 21. 12. 07.

*NILAUS AFER* (Lath.).

♂. Wau, 20. 4. 08.

♂. " "

*LANIARIUS ÆTHIOPICUS* (Gm.).

♂. Raffile, 2. 2. 08.

♂. " "

♀. " "

*LANIARIUS CATHAROXANTHUS* (Neum.).

- ♂. Tembura, 6. 3. 08.  
♂. W. of Rumbek, 10. 1. 08.

*LANIARIUS SULPHUREIPECTUS* (Less.).

- ♂. Kojali, 29. 2. 08.  
♂. Raffile, 2. 2. 08.  
♀. Tembura, 5. 3. 08.  
♀. Kojali, 29. 2. 08.  
♀. Wau, 30. 3. 08.

*LANIARIUS ERYTHROGASTER* Cretzschm.

- ♂. Wau, 30. 3. 08.  
♀. „ „  
♀. Atwot, 7. 1. 08.

*DRYOSOPUS MALZACII* (Heugl.).

- ♂. Ukanda, 28. 1. 08.  
♂. Kojali, 21. 3. 08.  
♂ juv. Tembura, 3. 3. 08.  
♀. Ukanda, 28. 1. 08.

*TELEPHONUS SENEGALUS* (Linn.).

- ♂. Tembura, 4. 3. 08.

*TELEPHONUS BLANFORDI* (Sharpe).

- ♂. Shambe (Upper Nile), 28. 12. 07.

*CRATEROPUS PLEBEIUS* (Rüpp.).

- ♂. Ukanda, 28. 1. 08.  
♀. „ „  
♂. Wau, 22. 4. 08.

*PYCNONOTUS MINOR* Heugl.

- ♂. Doleiba, 5. 5. 08.  
♀. Kojali, 25. 2. 08.  
♂. W. of Tonj, 16. 1. 08.

*CRINIGER FLAVIGULA* (Cab.).

- ♂. Tembura, March 1908.

*EREMOMELA ELEGANS* (Heugl.).

- ♂. Wau, 31. 3. 08.



## CAMAROPTERA BREVICAUDATA (Rüpp.).

♂. Wau, 1. 4. 08. *cf. emata, p. 406.*  
 ♀. „, 24. 4. 08.

## SYLVIELLA BRACHYURA Lafr.

♀. Wau, 24. 4. 08.

## ORTHOTOMUS ERYTHROPTERUS (Jard.).

♂. Wau, 31. 3. 08.

## PRINIA MURINA (Heugl.).

♀. Renk (White Nile), 21. 12. 07.

## PRINIA MYSTACEA Rüpp.

♀. Wau, 24. 4. 08.

## CISTICOLA STRANGII (Fraser).

♀. Doleiba, 4. 5. 08.

## CISTICOLA MARGINALIS (Heugl.).

♂. Wau, 24. 4. 08.

## CISTICOLA RUFICEPS (Rüpp.).

♂. Moyen, 4. 5. 08.

## CISTICOLA FERRUGINEA Heugl.

♂. Wau, 22. 4. 08.

## MELOCICHLA MENTALIS (Fraser).

♀. Tembura, 4. 3. 08.

## HYPOLAIS PALLIDA (Hempr. &amp; Ehr.).

♂. Kojali, 23. 2. 08.

## COSSYPHA HEUGLINI Hartl.

♂. West of Rumbek, 10. 1. 08.

♂. Shambe, 1. 1. 08.

## RUTICILLA PHENICURUS (Linn.).

♂. Wau, 14. 1. 08.

♂. „, 1. 4. 08.

♂. Raffile, 18. 2. 08.

♂. Tembura, 5. 2. 08.

## TURDUS PELIOS Bp.

♂. Wau, 30. 3. 08.

♂. „, 23. 4. 08.

MONTICOLA SAXATILIS (Linn.).

♂. North of Kojali, 20. 2. 08.

♂. Tembura, 4. 3. 08.

SAXICOLA CENANTHE (Linn.).

♂. Raffile, 13. 2. 08.

♀. Wau, 1. 4. 08.

♂. „ „

SAXICOLA MELANOLEUCA (Güld.).

♂. Hillet Abbas (White Nile), 20. 12. 07.

The Éastern race, *S. melanoleuca melanoleuca*.

SAXICOLA ISABELLINA Cretzschm.

♂. Wau, 18. 1. 08.

MELANORNIS EDOLIOIDES (Swains.).

♀. Raffile, 2. 2. 08.

BRADYORNIS PALLIDUS (v. Müll.).

♂. Wau, 22. 4. 08.

♂. „ 30. 3. 08.

♀. „ 31. 3. 08.

♂. „ 29. 1. 08.

MUSCICAPA AQUATICA Heugl.

♂. Kojali, 22. 2. 08.

PLATYSTIRA CYANEA (P. L. S. Müll.).

♀. Tembura, 5. 3. 08.

BATIS ORIENTALIS Heugl.

♂. Raffile, 11. 2. 08.

♂. „ 14. 2. 08.

♀. Wau, 31. 3. 08.

♀. Tonj, 14. 1. 08.

ELMINIA TERESITA Antin.

♂. Tembura, 3. 3. 08.

♂. „ 5. 3. 08.

TERPSIPHONE CRISTATA (Gm.).

♂. Shambe, 3. 1. 08.

♂. Wau, 20. 4. 08.

♀ . Wau, 20. 4. 08.

♀ . „ „

♀ . „ 3. 4. 08.

♂ . Tembura, 5. 3. 08.

♂ . „ „

♂ . „ 4. 3. 08.

♀ . „ 5. 3. 08.

♂ . „ 3. 3. 08.

♀ . Kojali, 29. 2. 08.

A good series shewing all stages of plumage.

*EMPIDORNIS SEMIPARTITUS* (Rüpp.).

♀ . Gardein, 3. 5. 08.

♂ . Gameiza, 4. 1. 08.

♀ . „ „

*COTILE MINOR*, Cab.

♀ . Raffile, 18. 2. 08.

♀ . „ 19. 2. 08.

*HIRUNDO ÆTHIOPICA* Blanf.

♀ . Meshra, 10. 5. 08.

♀ . „ „

*MACRODIPTERYX LONGIPENNIS* Shaw.

♂ . Tonj, 14. 1. 08.

♂ . Raffile, 23. 3. 08.

♂ . Wau, 24. 4. 08.

*SCOTORNIS CLIMACURUS* (Vieill.).

♂ . Wau, 24. 4. 08.

♂ . „ 28. 4. 08.

♀ . „ 25. 4. 08.

♀ . Hillet Abbas (White Nile), 18. 12. 07.

*CORACIAS ABYSSINICUS* Bodd.

♂ . Wau, 28. 3. 08.

♂ . Tembura, 3. 3. 08.

♀ . „ „

♀ . W. of Tonj, 17. 1. 08.

♀ . „ 16. 1. 08.

*DICROCERCUS FURCATUS* (Stanl.).

♀. S. of Kojali, 1. 3. 08.

*MEROPS PUSILLUS* P. L. S. Müll.

♂. Gardein, 3. 5. 08.

♂.    "      "

♀.    "      "

♀.    "      "

*MEROPS FRENATUS* (Hartl.).

♂. Raffile, 18. 2. 08.

♀. Kojali, 20. 2. 08.

♀. Wau, 30. 3. 08.

♀.    "      "

*MEROPS VIRIDIS* Linn.

♂. S. of Renk (White Nile), 21. 12. 07.

*MEROPS NUBICUS* Gm.

♀. Raffile, 4. 2. 08.

♂.    "      "

♂. W. of Tonj River, 16. 1. 08.

♂. Kojali, 1. 3. 08.

♀. Tembura, 4. 3. 08.

♀.    "      5. 3. 08.

♂.    "      3. 3. 08.

*UPUPA EPOPS* Linn.

♂. S. of Raffile, 18. 2. 08.

A very small specimen: culmen 37 mm.; wing 130 mm.

*IRRISOR ERYTHORHYNCHUS* (Lath.).

♂. Wau, 20. 4. 08.

♂.    "      "

*SCOPELUS ATERRIMUS* (Steph.).

♂. W. of Tonj, 16. 1. 08.

♀. Near Raffile, 1. 2. 08.

*LOPHOCEROS NASUTUS* (Linn.).

♂. Raffile, 22. 3. 08.

♀. Wau, 24. 4. 08.

*LOPHOCEROS ERYTHORHYNCHUS* (Temm.).

♀ . Wau, 24. 4. 08.

*CERYLE RUDIS* (Linn.).

♀ . Raffile, 14. 2. 08.

*CORYTHORNIS CYANOSTIGMA* (Rüpp.).

♂ . Raffile, 6. 2. 08.

♀ . „ 18. 2. 08.

♂ . Wau, 24. 4. 08.

*ISPIDINA PICTA* (Bodd.).

♂ . Tembura, 4. 3. 08.

♀ . „ „

♂ . Wau, 24. 4. 08.

♀ . „ „

*HALCYON SEMICÆRULEUS* Forskål.

♂ . Raffile, 6. 2. 08.

♀ . „ 20. 3. 08.

♂ . „ 18. 2. 08.

♀ . „ 6. 2. 08.

♂ . Tembura, 1. 3. 08.

♀ . Kojali, 23. 2. 08.

*HALCYON CHELICUTENSIS* (Stanl.).

♂ . (Label lost.)

*HALCYON MALIMBICUS* Shaw.

♂ . Tembura, 8. 3. 08.

*COLIUS LEUCOTIS* Rüpp.

♂ . Kojali, 22. 2. 08.

♀ . „ 23. 3. 08.

*TURACUS LEUCOLOPHUS* Heugl.

♂ . Tembura, 10. 3. 08.

♂ . „ „

♂ . „ „

♀ . „ „

♂ . „ „

♀ . „ 4. 3. 08.

- ♂. Kojali, 23. 2. 08.  
♂. „ 24. 2. 08.  
♂. S. of Kojali, 1. 3. 08.

SCHIZORHIS ZONURA Rüpp.

- ♂. Tembura, 3. 08.  
♀. „ 4. 3. 08.  
♂. „ „  
♂. „ „  
♂. W. of Tonj River, 17. 1. 08.

CENTROPUS MONACHUS Rüpp.

- ♀. E. of Rumbek, 8. 1. 08.

The head is glossed with green and not purple. There is a precisely similar specimen in the British Museum labelled “Baroma, Abyssinia; Lord Lovat.”

COCCYSTES GLANDARIUS (Linn.).

- ♂. Madal, 5. 5. 08.  
♀. „ „  
♂. W. of Rumbek, 11. 1. 08.

COCCYSTES CAFER (Licht.).

- ♂. Tembura, 3. 3. 08.  
♀. „ „

CHRYSOCOCCYX CUPREUS (Bodd.).

- ♂. Meshra-el-Rek, 10. 5. 08.

INDICATOR SPARRMANI Steph.

- ♂. Kojali, 1. 3. 08.

INDICATOR MINOR Steph.

- ♂. Shambe, 28. 12. 07.

ERYTHROBUCCO ROLLETI (De Filippi).

- ♂. Kojali, 1. 3. 08.  
♂. „ 23. 2. 08.  
♂. Wau, 24. 4. 08.  
? (Label missing.)

LYBIUS LEUCOCEPHALUS (De Filippi).

- ♂. Doleiba, 5. 5. 08.  
♂. „ „

## LYBIUS ABYSSINICUS (Lath.).

♂. Ardebba, 5. 1. 08.

## LYBIUS VIEILLOTI Leach.

♂. Raffile, 14. 2. 08.

♀. Wau, 24. 4. 08.

♂. Raffile, 22. 3. 08.

♂. „ 3. 2. 08.

## BARBATULA CHRYSOCOMA (Temm.).

♂. Meshra, 10. 5. 08.

## MESOPICUS PŒOCEPHALUS (Swains.).

♂. Wau, 24. 4. 08.

## VINAGO CALVA (Temm. &amp; Knip).

♂. Madal, 5. 5. 08.

♂. „ „

♀. „ „

♀. Rumbek, 9. 1. 08.

♀. „ „

## COLUMBA GUINEA Linn.

♂. Dug-Dug, 5. 5. 08.

## TURTUR DECIPIENS Finsch &amp; Hartl.

♂. Wau, 24. 4. 08.

## TURTUR VINACEUS (Gm.).

♂. Wau, 1. 4. 08.

This Dove is Antinori's *Turtur vinaceus barbarus*. I find that in my paper in the 'Ibis,' 1908, p. 249, I erroneously entered it as *T. roseigriseus* (Sundev.).

## TURTUR SENEGALENSIS (Linn.).

♀. Tembura, 4. 3. 08.

## CHALCOPELIA AFRA (Linn.).

♂. Wau, 24. 4. 08.

## PŒOCEPHALUS MEYERI (Rüpp.).

♂. Wau, 22. 4. 08.

♀. „ „

*PALÆORNIS DOCILIS* Vieill.

♂. Amien's, 5. 5. 08.

♀. „ 4. 5. 08.

♀. „ 8. 5. 08.

♂. Wau, 22. 4. 08.

*GLAUCIDIUM PERLATUM* (Vieill.).

♂. Wau, 24. 4. 08.

*BUBO CINERASCENS* Guér.

♂. Kojali, 20. 3. 08.

*FALCO RUFICOLLIS* Swains.

♂. Wau, 30. 3. 08.

*CERCHNEIS ARDESIACUS* (Bonn. et Vieill.).

♂. Touj, 14. 1. 08.

*BUTASTUR RUFIPENNIS* (Sundev.).

♀. Amien's, 8. 5. 08.

*MELIERAX POLYZONUS* (Rüpp.).

♀. Wau, 2. 4. 08.

*MELIERAX GABAR* (Daud.).

♂. Goz Abu Guma (White Nile), 28. 5. 08.

♀. Bringi's (S. of Wau), 26. 1. 08.

*ASTUR SPHENURUS* Rüpp.

♂. Wau, 24. 4. 08.

♀. „ „

*HAGEDASHIA HAGEDASH* (Lath.).

♀. Raffile, 16. 2. 08.

*HERODIAS RALLOIDES* (Scop.).

♂. Wau, 2. 4. 08.

*SCOPUS UMBRETTA* Gm.

♀. Raffile, 14. 2. 08.

♀. „ 17. 2. 08.

*FRANCOLINUS ICTERORHYNCHUS* Heugl.

♂. Raffile, 4. 2. 08.

♀. Tembura, 4. 3. 08.



♀ . Wau, 1. 4. 08.

♀ . „ „

♀ . „ „

*PTILOPACHYS FUSCUS* (Vieill.).

♂ . Raffle, 10. 2. 08.

♀ . Kojali, 20. 2. 08.

*PTEROCLES QUADRICINCTUS* Temm.

♀ . Raffle, 18. 2. 08.

*SARCIOPHORUS TECTUS* (Bodd.).

♂ . Tawela, 18. 12. 07.

*XIPHIDIPTERUS ALBICEPS* (Gould).

♀ . Kojali, 1. 3. 08.

♀ . „ 22. 2. 08.

*HOPLOPTERUS SPINOSUS* (Linn.).

♀ . Shambe, 29. 12. 07.

*TRINGOIDES HYPOLEUCUS* (Linn.).

♂ . Shambe, 29. 12. 07.

*ÆDICNEMUS SENEGALENSIS* Swains.

♀ . Raffle, 17. 2. 08.

*ÆDICNEMUS AFFINIS* Rüpp.

♀ . Wau, 24. 4. 08.

III.—*On the Birds of Kohat and Kurram, Northern India.*

By Lieut. C. H. T. WHITEHEAD, Indian Army. *With an Introduction by Major H. A. F. MAGRATH, Indian Army.*

(Plate III. and Text-figures 4 & 5.)

I.—INTRODUCTION.

By Major H. A. F. MAGRATH.

CONTRASTED with a district of the Punjab, which I had just left, the variety of the surrounding bird-life was one of the first impressions received on my arrival at Kohat in